## \* CORRECTED \* Horse Fire

CA-HUU-006254

**Incident Action Plan** 

**Operational Period** 

August 21<sup>st</sup>-August 22<sup>nd</sup>, 2015

0700-0700

### \*CORRECTED\*









### \* CORRECTED \*

\* CORRECTED \*

INCIDENT OBJECTIVES	1. INCIDE	ENT NAME	2. DATE PREPARED	3. TIME PREPARED
		Horse	08/20/2015	1730
4. OPERATIONAL PERIOD (DATE/TIME) 8/21-8/22 0700-0700			•	
5. GENERAL CONTROL OBJECTIVES FOR THE IN	CIDENT (INC	LUDE ALTERNATIVES)		
Management Objectives				
Provide for emergency responder and public safe	ety.			
Utilize appropriate strategy and tactics to ensure	protection of	f wild and scenic values at	risk.	
Maintain positive working relations and communi	cations with	cooperators.		
Reduce the potential for impacts to natural and cu	ultural resou	rces.		
Keep costs commensurate with values at risk.				
Control Objectives:				
Keep the fire East of Miller Ridge				
Keep the fire West of South Fork Bear Creek				
Keep the fire North/East of the Pacific Ocean				
Keep the Fire North of Rancho Lane/Kalune Cliff				
6. WEATHER FORCAST FOR OPERATIONAL PERIO See attached.	DD	*	,	
	å ret			
*8				v .
7. GENERAL SAFETY MESSAGE				
See attached.				
3. ATTACHMENTS (X IF ATTACHED)			-	
x ORGANIZATION LIST(ICS 203)	MEDICAL PLA	AN (ICS 206)		
x ASSIGNMENT LIST (ICS 204) x 1	NCIDENT MA	,P		
x COMMUNICATIONS PLAN (ICS 205)	RAFFIC PLA	N	w	
PREPARED BY (PLANNING SECTION CHIEF)	4144	10. ARRPOVED BY (INCIE	DENT COMMANDER)	
S. Ward, Deputy Plans Chief	71	hould S. 7	3 1410	

202 ICS (1/99)

	ANIZATION AS	SIGNMENT LIST	9.	Opera	tions		
1. Incident Name			Chief	Erich Schwa			
HORSE	· · · · · · · · · · · · · · · · · · ·		Deputy/Planning	Mike Parkes			
2. Date		3. Time	Α.	Brancl	h J		
8/20/2015		1830	Branch Director	Sean Norma	n		
4. Operational Period			Deputy				
8/21/2015	- 8/22/2015	0700 - 0700	Division/Group	Α	Dennis Byrnes		
Position		Name	Division/Group	Structure			
5. Incide	ent Commander a	ind Staff	Division/Group	Contingency			
Incident Commander	Kevin Smith		Division/Group	Road			
Deputy	Ron Bravo		В.	Branc	h III		
Safety Officer	Rick Griggs / S	cott Hansen (T) /	Branch Director	Brian Norton			
	Dan McNamara	a (T)	Deputy				
Information Officer		erson / Suzy Brady (T) /	Division/Group	D			
	Johnny Miller (*		Division/Group	K			
iaison Officer	Pete Daly / Mik		Division/Group	Р	Rob Daugherty		
3. Age	ncy Representati	ve					
Agency	Name		C.				
BLM	Tim Jones		Branch Director				
DDCR	Mark Ahlin		Deputy				
lumbolt Co. OES	Dorie Lanni		Division/Group				
			Division/Group				
			Division/Group				
			D.,				
'. Pl	anning Section		Branch Director				
hief	Sean Griffis / Ar	ale Burlew (T)	Deputy				
eputy	Steve Ward		Division/Group				
lesources Unit			Division/Group				
	Chris Carrera / F		Division/Group				
ituation Unit	Phillip Selegue /	Jim Day (T)					
ocumentation Unit			E,				
emobilization Unit	Dave Pucci	-	Division/Group				
aining Tech Spec	Cory Cisneros	14.11 MARCON 11.11					
IS Tech Spec	Darin McFarlin /	Albert Lau					
esource Advisor							
cident Meteorologist							
re Behavior Analyst	Scott Jones		F	Staging			
amage Inspection			Division/Group				
w Enforcement Tech	John Davis						
Log	gistics Section						
nief		ex Long / Rich Bohn (T)	The second secon				
red Equipment	Matt Sully	(1)	10.	Einara	o Section		
ipply Unit	Amber Story		Chief		e Section Steve Hawks		
cilities Unit	Tobin Riley		Deputy		Darren Dow		
ound Support Unit	Owen Starkweat	her	Time Unit				
	Ken Parker	I NOT	Procurement Unit		fatt Rae		
mmunications Linit	Dennis Miranda		Compensation/Claims		velyn Glenn		
	Demilis Milranda			OIIIL S	kip Sannar		
otel Tech Spec	Rangia Huntar		Cost Unit				
otel Tech Spec edical Unit	Baryic Hunter		Dropped by (D)	n 11mi41			
ommunications Unit otel Tech Spec edical Unit od Unit dering Manager	Baryic Hunter Suzanne Van Pe Jack Story / Nate		Prepared by (Resource Ryan Davis	e Unit Leader)			

### Horse (WILDFIRE) (Requested: 1625 PDT 8/20/15)

Forecast complete at 1728 PDT 8/20/15

Requested by: CAL FIRE Team 5 Phone: (530) 717-0667 Contact: Scott Jones

### Observations:

### **FORECAST:**

IF CONDITIONS BECOME UNREPRESENTATIVE, CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR HORSE...CAL FIRE TEAM 5 NATIONAL WEATHER SERVICE EUREKA CA
528 PM PDT THU AUG 20 2015

FORECAST IS BASED ON REQUEST TIME OF 1625 PDT ON AUGUST 20. IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER SERVICE.

.DISCUSSION...NORTH-NORTHWESTERLY RIDGE TOP WINDS WILL DECREASE FRIDAY INTO FRIDAY NIGHT AS THE THERMAL TROUGH MOVES TOWARD THE COAST. THIS WILL ALLOW RETURN FLOW TO DEVELOP ALONG THE COAST... RESULTING IN STRATUS NEAR THE IMMEDIATE COAST AND HIGHER HUMIDITY. UPPER SLOPE AND RIDGE TOP RECOVERIES OVERNIGHT WILL BE MODERATE WITH DRY AIR WITHIN THE THERMAL TROUGH MOVING OVERHEAD.

.FRIDAY...

SKY/WEATHERSOME MORNING LOW CLOUDS AND FOG POSSIBLE ALONG LOW LYING AREAS. OTHERWISE SUNNY.
MAX TEMPERATUREAROUND 78 TO 83.
MIN HUMIDITY40 TO 50 PERCENT BELOW 2000 FT.  28 TO 32 PERCENT ABOVE 2000 FT.
WIND (20 FT)NORTH AND NORTHWEST WINDS 6 TO 9 MPH.
EYE LEVEL WINDSNORTH AND NORTHWEST WINDS 4 TO 8 MPH.
LAL1.
CWR PERCENT.
.FRIDAY NIGHT
SKY/WEATHERCLOUDS AND FOG DEVELOPING OVERNIGHT BELOW
1000 FEETOTHERWISE MOSTLY CLEAR. MIN TEMPERATURE58 TO 63.
10: 화에 가입니다. 15: 15: 15: 15: 15: 15: 15: 15: 15: 15:
MAX HUMIDITY75 TO 85 PERCENT LOWER SLOPES AND DRAINAGES.
45 TO 55 PERCENT UPPER SLOPES AND RIDGES.
WIND (20 FT)NORTH 4 TO 6 MPH BECOMING SOUTHWEST 1 TO 4 MPH
AFTER MIDNIGHT.
EYE LEVEL WINDSNORTH 3 TO 5 MPH BECOMING SOUTHWEST 1 TO 4 MPH
AFTER MIDNIGHT.
LAL1.
CWR 0 PERCENT.

### FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 01	TYPE OF FIRE: Wildland Fire
FIRE NAME: Horse	OPERATIONAL PERIOD: 08/21 0700-0700
DATE ISSUED: 08/20/2015	TIME ISSUED: 2100
UNIT: HUU	SIGNED: Sout from

### **INPUTS**

Printed:

Scott Jones

### **WEATHER SUMMARY**

Morning low clouds and fog possible along low lying areas. Otherwise Sunny DAYTIME

MAX temp 78° to 83° MIN RH 40 to 50% below 2000' 28 to 32% above 2000'

20 ft winds (MPH): NNW 6 to 9: Eye level winds (MPH): NNW 4 to 8

**OVERNIGHT** 

MAX temp 58° to 63° MAX RH 75 to 85% lower slopes and drainages 45 to 55% upper slopes and ridges 20 ft winds (MPH) N 4 to 6 becoming SW 1 to 4 after midnight: Eye level N 3 to 5 becoming SW 1 to 4

### **OUTPUTS**

### FIRE BEHAVIOR

### **GENERAL:**

Since mid JAN Humboldt has been in fire season like conditions. Rain has been scarce and when it has come it has been in concentrated bursts. The area is either in a Severe Drought D2 or Extreme Drought D3. Historically this area has proven large fire potential; Saddle 1988 (5,900ac), Honey Dew 2003 (13,777ac), Finley Creek 1973 (12,833ac). July 30th a lightning bust started 75 fires activating the Humboldt Complex resulting in seven fires which are currently holding at 4,882 acres.

The Horse fire is in very steep rugged terrain, with limited drivable roads. Fuel loads are mixtures of 6' plus brush and Timber. The fire footprint is within the Saddle Fire, numerous snags and drought weakened trees will be a constant hazard.

The fire activity has been moderate to high, as direct suppression efforts have been limited to aerial drops. The inability to provide ground action has been a key to the fires progression.

### Fire Behavior for Optimal Alignment Receptive Fuels

Fuel Type	ROS (Ft-MIN) Forward	ROS (Ft-MIN) Lateral	FL (Ft)	FWD /LAT Bt/ft/s	P(i)G
<b>TU5 Timber Understory</b>	7-12'	0-2	2-12'	1302 / 783	65%

### SPECIFIC:

### Local knowledge:

There are two burn periods for the upper slopes; traditional daytime activities and then at night when an offshore flow sets up. Coastal fuels burn readily at higher RH values 30-40%. Fuels in this area are used to experiencing higher relative humidity such that more active burning will be present prior to critical fuel moisture levels.

Timber fires exhibit great resistance to control.

Local WATCH OUT thresholds. 20' wind over 15 mph; RH < 25%, Temp > 90°, 1000 hr Fuel Moist < 15

### **AIR OPERATIONS:**

Air operations have been hampered by early morning fogs and afternoon smoke

### SAFETY

With the terrain and receptive drought stressed fuels, any roll out that becomes seated has the potential to make an uphill run. Monitor winds – off shore flows will produce a second burning period.



### **HORSE HEALTH AND SAFETY MESSAGE**

### We Are ALL accountable for SAFE behaviors



INCIDENT: Horse Incident - CAHUU006254

DATE: August 21, 2015 TIME: 0700-0700

Major Hazards and Risks: Fatigue, Steep Rugged Terrain, Driving Hazards, Hazard Trees, Drought Stricken Fuels, Narrow Roads, Terrain.

**Fatigue:** Many personnel have been on the line for several weeks, take frequent nutrition and hydration breaks throughout the day. Hydrate with a 2 water to 1 electrolyte drink ratio. Monitor Personnel for excessive fatigue; utilize the buddy system. Critical hours for injuries and incidents is between 14:00 and 18:00 hours

**Driving:** Keep your speeds down on all roads we are guests in the area. Watch out on loose, dusty roads, unstable shoulders and fire debris. Wear your seatbelts!

Stump Hole Ash Pits: Watch your footing, extensive stump hole ash pits are in the fire area.

PPE: Wear the appropriate PPE for the assignment you are given; don't become complacent.

**Fire Behavior**: Fuels are drought stricken and are receptive to fire spread. As the weather pattern changes with increased temperatures and decreasing RH anticipate changes in fire behavior and plan accordingly. Consider P.A.C.E and know your L.C.E.S.

**Hazard Trees:** Survey your work areas for hazard trees, flag and restrict access, use only qualified personnel for tree felling. Review and follow **Hazard Tree Safety**, pg. 22-23 in your IRPG.

Review your ICS 206 and know what to do in the event of a medical emergency

Lookouts, Communication, Escape routes, Safety zones

### **Hazard Tree Safety**

### Hazard tree indicators:

- Trees burning for any period of time
- Dead broken or burning tops and limbs overhead, leaning or hung-up
- Numerous downed trees

### Hazard Tree Control:

- Eliminate the hazard trees with qualified sawyers
- Avoid high risk areas
- Post lookouts to secure high risk areas
- Keep clear of air drops near trees/snags
- Take breaks out of hazard tree locations
- Follow Hazard Tree Safety, pg. 22-23 in your IRPG

### Escape Route/Safety Zone Checklist

### **Escape Routes:**

- \*More than one escape route
- \*Scouted soils, vegetation, slope
- \*Timed slowest person, fatigue, dozer speed
- \*Marked flagged for day and night use

### Safety Zone:

- \*Survivable without a shelter
- \*Natural clean burn, water, bare soil/rock
- \*Manmade constructed sites, roads
- \*Scouted for size and hazards
- \*Close enough considering escape time needed

### Remember and Follow:

- \*The 10 Standard Fire Orders
- \*The 18 Situations That Shout Watch Out
- \*The Common Denominators of Fire Behavior on tragedy Fires
- \*The Downhill Line Construction Guidelines

Incident Safety Officer: Rick Griggs, SOF1

Incident Commander: Ron Bravo, DPIC



### HORSE -INCIDENT RISK ANALYSIS (ICS 215a) CA-HUU-006254



DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/R	EMEDIES						
ALL	DRIVING HAZARDS	Drive defensively! Expect the unexpected around every							
		Drive with headlights on.							
		Slow Down! Narrow dirt roads with limited passing roo	om- one way travel on some						
1		Increase following distances. Maintain Situational Awar							
ALL	FIRE BEHAVIOR	Monitor current weather conditions and forecasts. Mak							
1122	FIRE BEHAVIOR	thorough briefings every shift.							
		<ul> <li>Maintain adequate escape routes and safety zones. Adv</li> </ul>	ise all personnel if these are						
		compromised or changed. Set trigger points when appro-							
		Adhere to 10 Standard Firefighting Orders, mitigate 18	Watch Out Situations.						
		Maintain Situational Awareness.							
ALL	FATIGUE	Be alert for signs of fatigue and take breaks as necessary	7.						
		Maintain 2:1 work/rest ratio.							
		Monitor incoming resources for level of fatigue.							
ALL	HYDRATION	• Drinking water before, during and after shifts, up to 1.5	gal. per shift.						
		Be alert for signs of heat stress in yourself and others.							
ALL	HEAT RELATED ILLNESS	Review "Specific Treatments" section of the IRPG (pg 1)	(03) for heat illnesses signs and						
		treatment. Watch coworkers for signs and symptoms.  Take frequent breaks as needed and operationally feasib	la.						
		Report any and all injuries to your Supervisor. Follow M.							
		as outlined on the ICS-206	redical Emergency Procedures						
A,D,	AIRCRAFT OPERATIONS	Keep personnel out of drop zones.							
K,P	AIRCRAFT OF ERATIONS	Use air-to-ground freq. to communicate with aircraft.							
12,1		Use clear, concise statements when directing aircraft. U	se clock directions from pilot's						
		perspective.							
A,D,	LINE CONSTRUCTION	• Conduct thorough briefing for all personnel (inside rear	cover IRPG).						
K,P		• Ensure LCES in place prior to engagement (IRPG p. 7).	,						
		• Establish adequate safety zones (IRPG p.8).							
		<ul> <li>Use Downhill Line Checklist (IRPG p.9).</li> </ul>							
		<ul> <li>Follow "Look Up, Look Down, Look Around" procedur</li> </ul>	res (IRPG p.4).						
		Utilize Risk Management Process (IRPG p.1).							
A,D,	SNAG HAZARDS	<ul> <li>Follow Hazard Tree Safety Guidelines (IRPG p. 22).</li> </ul>							
K,P		Limit number of personnel around snags and their expensions	osure time; fallers must be						
		qualified for trees being fallen.							
		Be especially alert around snags during wind events.  Check events of for dead bronches in cleaning events.							
		Check overhead for dead branches in sleeping areas.							
A 75	MODUD	Maintain Situational Awareness.  Conduct thorough briefing for all personnel (inside real).	r cover IDPG)						
A,D,	MOP UP	<ul> <li>Conduct thorough briefing for all personnel (inside rea</li> <li>Use all required PPE, including eye protection.</li> </ul>	i cover incruj.						
K,P		<ul> <li>Ose an required FFE, including eye protection.</li> <li>Maintain proper spacing and overhead clearance.</li> </ul>							
		Be alert for stump holes and root cavities.							
			clean as practical						
		Minimize exposure to smoke, and rotate personnel into clean as practical.     Evaluate unburned islands/Increase situational awareness.							
A,D,	FOOT TRAVEL	In steep and rocky terrain, watch footing and maintain							
K,P	TOOL HALVED	Watch for over-head hazards.	Land observed.						
12,1		Be alert for ash pits and stump holes							
	r e	Maintain downhill tool placement.							
ALL	SAFETY ZONES	• Follow safety zone guidelines are followed (IRPG p. 7)							
1111	the a man appeal of the source of a source of	Carefully evaluate burned areas before designation as safe.	ety zones due to spotty						
	*	burning in numerous areas.	, and the same of						
		• When safety zones are distant from work site, set trigger	points to allow personnel to						
		reach them in a timely manner.							
Inciden	t Name: HORSE CA-HUU-006254	DATE PREPARED: August 20, 2015 2200hrs	OPERATIONAL PERIOD						
ICS 215	í a	Prepared by:	August 21, 2015						
100 213	a	Scott Hansen SOF1(T)	0700-0700						

DIVISION ASSIGNMENT LIST					1. Branch		2	2. Division/Group			
Incident Name					4.0				A		
3. molden Name	Hor	se Fir	е	n e e	4. Operation	e: 8/21-8/22	Time: <b>0700</b>	-0700	)		
5.				Ope	erations P						
Operations Chief			E. :	Schwab	Division/Gr	oup Supervisor	J. Pala	• -D.	Byrnes	1	
Branch Director	ı		S. I	Norman /	Branch Safe	ety	0. 1.0/10	Sai			
6.		Happin.	W. W.	Res	ources As	ssigned this Perio	od				
Strike Team/Task Resource Design				Leader	Number Persons	Drop Off PT./Time	Pick Up PT./	Time	On Line	Off Line	
STC MRN 9	9150					ICP 0700	0700				
STC						ICP 0700	0700				
STG TGU 9	252 🗸					ICP 0700	0700		$\overline{\Box}$		
STG MEU 9	115 /					ICP 0700	0700				
STG						ICP 0700	0700				
DOZ E-1	0 /		Mc	Cullough		ICP 0700	0700		$\overline{\Box}$		
DOZ E-1	1 🗸		Sc	hneider		ICP 0700	0700		$\overline{\Box}$		
DOZ E-1	2		Valle	ey Timber		ICP 0700	0700				
WT 6066	;		M	iranda		ICP 0700	0700		H	$ \stackrel{\sqcup}{\vdash}$	
WT 5562	:	Т	elegi	raph Ridge		ICP 0700	0700		$\exists$		
FALM		0-11	D-163 Ackerman			ICP 0700	0700				
FALM		0-16		Ridge		ICP 0700	0700		$\overline{\Box}$		
FALM		0-3		Rosebush		ICP 0700	0700		$\overline{\Box}$		
Scout and construct directions of the constructions	ect handline lozer line Fire	923 ehill to Pacif	ic oce	an							
				Divisio	on/Group	Communication S	Summary				
Function	Frequency	Sys	tem	Channel		Function	Frequency	System	Ch	annel	
Command F	RX 151.35	50 Kir	ng	1		Command		ų.			
1	ΓX 159.30	00 NIF	c	CDF C1				King NIFC			
	Tone 15										
Tactical Div/Group	RX/TX 151.3775 Tone 16	Kir NIF	-	5 CDF T13		Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC		14 DF T25	
epared by (Resource U			Appro	oved by (Planning-Sect.	Ch.)		Date		Time		
. Carrera			S. V	Vard S	The second secon		8/20/15		2100		

	DIVISION ASSIG	1. Branch	1		2. Division/Group  Structure Group						
3. Incident Nam	Horse	Fire		4. Operation	onal Period e: 8/21-8/22	Time: 07					
5.			Op	erations P							
Operations Chie	ef	E. Sc	hwab		oup Supervisor	E D	15	INT	-110		
Branch Director		S. No	rman	Branch Safe	ety		. Darnall D. Totten				
6.			Re	sources As	ssigned this Per	iod					
Strike Team/ Resource I		Le	eader	Number Persons	Drop Off PT./Time	e Pick Up	Pick Up PT./Time		Off Line		
ENG					ICP 0700	07	00	П	+ $$		
EN	IG				ICP 0700	07	00				
EN	IG				ICP 0700	07	00				
			***								
		44.00						×			
7.Control Operation					1/2						
Structure assessm: Complete ICS 231  B. Special Instruction		er Cove	,,,								
).		A) E	Divis	ion/Group	Communication	Summary			yne fabrathala tarah		
Function	Frequency	System	Channel		Function	Frequency	System	) C	hannel		
Command	RX 151.3550 TX 159.3000 Tone 15	King NIFC	1 CDF C1		Command		King NIFC				
Tactical Div/Group	RX/TX 154.3025 Tone 6	King NIFC	9 VFIRE 26		Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC	CD	14 0F T25		
repared by (Resou		380,00	ed by (Planning Sec	ct. Ch.)		Date		Time			
:.Carrera		S. W	ard S			8/20/15		2100			

DIVISION ASSIGNMENT LIST				1. Branch			2. Division/Group			
	DIVISION ASSIC	STATATE 14 1	LIST		I hu	-		D		
3. Incident Nam	Horse	Fire		4. Operation	onal Period e: 8/21-8/22	Time: <b>07</b> (	00-070	0		
5.			Ор	erations P	ersonnel					
Operations Chie	f	E	. Schwab	Division/Gr	oup Supervisor	D. B	urne.	S		
Branch Director		E	3. Norton	Branch Safe	ety		9			
6.			Re	sources As	ssigned this Peri	od				
Strike Team/ Resource I			Leader	Number Persons	Drop Off PT./Time	Pick Up F	PT./Time	On Line	Off Line	
ST	c 2399				ICP 0700	070	00			
STG TU	U 9472 🗸				ICP 0700	070	00			
**CRW Go	lden Mtn				ICP 0700	190	00			
DOZ	E-22		J&S		ICP 0700	070	00			
DOZ	E-45 \	Sun	ise Excavator		ICP 0700	070	00			
DOZ	E-47 \	Dadc	o Construction		ICP 0700	070	00			
CRW C	Jiamond									
	-E40									
WT b	153									
FALM	0-155 A	4 Cu	grodh to							
FALM	0-166 1	Jen	sen			-	61			
			-							
7.Control Operation Scout and construct Improve and prepa		r firing.								
8. Special Instruction **12 hour resc										
9.			describe and the contract the second	ion/Group	Communication	Service and Charles and Charles				
Function	Frequency	System	n Channel		Function	Frequency	System	n C	hannel	
Command	RX 151.3550	Tally	1		Command		King			
	TX 159.3000	NIFC	CDF C1				NIFC			
	Tone 15						Y			
Tactical Div/Group			· 1		Air to Ground Rx		King NIFC	14 CDF T25		
	Tone 16		wheath, bond, work 1990			Tone 16			and all respondents	
Prepared by (Resou		A	oproved by (Planning Sec	ct. Ch.)		Date		Time		
C. Carrera		s	. Ward			8/20/15		2100		

DIVISION ASSIGNMENT LIST				1. Branch			2. Division/Group			
						111			K	
3. Incident Name	54	se Fire	•		4. Operation	onal Period e: 8/21-8/22	? Time: <b>07</b> (	00-070	0	
5.				Ор	erations P	ersonnel				
Operations Chief			E. Schw	ab	Division/Gro	oup Supervisor	4D.	Wil	n. 1 R.	Lane (T)
Branch Director			B. Norto	n	Branch Safe	ety			201 21	
6.				Re	sources As	ssigned this Peri	iod			
Strike Team/1 Resource D			Leade	er	Number Persons	Drop Off PT./Time	e Pick Up F	T./Time	On Line	Off Line
STC SKI	U 9261 🗸		1			ICP 0700	070	00		
STG CZ	U 9174 🗸					ICP 0700	070	00		
STG LNU	J 9226 🗸					ICP 0700	070	00		
STG SKI	U 9262 🗸					ICP 0700	070	00		
DOZ E	E-42 √		Walbe	rg		ICP 0700	070	00		
DOZ E	E-43	Rhoa	des Cor	struction		ICP 0700	070	0		
DOZ E	E-44	R	Ridge Lo	gging		ICP 0700	070	0		
WTE	-24		John He	rtzig		ICP 0700	070	0		
WT 74	467		Fortuna	FD		ICP 0700	070	0		
FAL	FALM 0-1 Claybor				ICP 0700	070	0			
FAL	M 0-9	Hab	, J.	IAN		ICP 0700	070	0		
Scout and construct Hold existing line. Improve and prepar B. Special Instruction	re Saddle Mtn. Ro									
). Element de Sunt			Para stea	Divis	ion/Group	Communication	Summary			
Function	Frequency	y Syste	em	Channel		Function	Frequency	System		Channel
Command	RX 151.35 TX 159.30 Tone 15	000 NIF	-	1 CDF C1		Command		King NIFC		
Tactical Div/Group	RX/TX 154.2729	Kin	* I	7 VFIRE 24		Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC		14
repared by (Resour			Approved I	y (Planning Se	ct. Ch.)	1	Date		Time	
C. Carrera			S. Ward	15			8/20/15		2100	

DIVISION ASSIGNMENT LIST				1. Branch			2. Division/Group			
					[]			Р		
3. Incident Name	se Fire	9		Operation     Date	enal Period : 8/21-8/22	2 Time: 070	00-070	0		
5.			Ope	rations Pe	ersonnel					
Operations Chief		E. Schwab		Division/Gro	oup Supervisor		R. I	Daugherty	J	
Branch Director		B. Norton		Branch Safe	ety					
6.			Res	ources As	signed this Per	iod				
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Drop Off PT./Tim	e Pick Up I	PT./Time	On Line	Off Line	
**CRW Samoa 61 🗸					ICP 0700	07	00			
STG			-		ICP 0700	07	00			
DOZ E-46		Bow Valley			ICP 0700	07	00			
FALM 0-164	76A	F Enter	197.90							
FALM 0-167		s Unlin								
					-9.					
		9.00								
7.Control Operations	<u> </u>									
Scout and construct direct handline. Scout contingency line from Saddle  3. Special Instructions  **12 hour resource**		Pacific ocean.								
),			Divisio	n/Group (	Communication	Summary				
Function Frequenc	y Syste	em	Channel	Siddy	Function	Frequency	Systen	n C	hannel	
Command RX 151.3		g		5	Command					
TX 159.30	MIE	c	1 CDF C1				King NIFC			
Tone 1	5		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Tactical Div/Group RX/TX	5 King		8 FIRE 25		Air to Ground	Rx/Tx 159.3525	King NIFC	CD	14 F T25	
Tone 6 repared by (Resource Unit Ldr.)		Approved by (PI	anning Sect	Ch)		Tone 16		Time		
C. Carrera		S. Ward	5			8/20/15		2100		

	DIVISION ASSIG	SNMEN	IT LIST	1. Branch 2				2. Division/Group  Road Group			
3. Incident Nam	Horse	Fire	)	4. Operational Period  Date: 8/21-8/22 Time: 0700-0700							
5.			Ope	erations I	Personnel						
Operations Chief	f		E. Schwab	Division/G	Group Supervisor	R. Gladwin					
Branch Director			S. Norman	Branch Sa	afety	14, 6	) INOWIN				
6.			Res	sources A	Assigned this Perio	ď					
Strike Team/ Resource D			Leader	Number Persons		Pick Up F	T./Time	On Line	Off Line		
DOZI	E-14 🗸		Kens		Base Camp 070			П			
GD	R E-105 \	NUI	atti		Base Camp 070	0 070	00				
GD	R	)		1	Base Camp 070	0 070	00	-			
WTE	-20		Willmore		Base Camp 070	0 070	00				
WTE	-30		Waterboys		Base Camp 0700						
WTE	-51	and the second	Docs Inc		Base Camp 0700	070	0				
FOB	BS				Base Camp 0700						
FOB	s				Base Camp 0700	070	0				
FOB	S				Base Camp 0700	070	0				
FOB	s				Base Camp 0700	070	0				
FOB	s				Base Camp 0700	070	•				
WT E-	125 F	20	560		,						
WT E-		010						$\exists$			
WT E-	s Rd. and Saddle Mtn. \	. Rd.	796								
8. Special Instruction											
).				n/Group	Communication S	ummary					
Function	Frequency	Syster	n Channel		Function	Frequency	System	Ch	annel		
Command	IX 151.5550		King 1 CDF C1		Command		King NIFC				
Tactical Div/Group	RX/TX 154.3025 Tone 6	King NIFC	9 VFIRE 26			Rx/Tx 159.3525	King NIFC	1	4 T25		
repared by (Resourc		A	pproved by (Planning Sect.	Ch.)		Tone 16 Date	1	Time			
.Carrera	of60		. Ward			8/20/15		2100			

DIV	VISION ASSI	GNMENT L	IST	1. Branch				2. Division/		Стани
3. Incident Name	Horse	Fire			tional Period te: <b>8/21-8/2</b>	<b>2</b> T	ime: 0700		tingenc	y Group
5.			Ор		Personnel		gia gaza			
Operations Chief		E. S	chwab	Division/G	roup Supervisor	R	L. E.	-\-	clas	non-machinimized
Branch Director		S. N	orman	Branch Sa	ifety	1	II EY	1914	C M.	drunsa
6.		(	Res	sources A	ssigned this Pe	eriod				and the state of t
Strike Team/Tas Resource Desi		ı	_eader	Number Persons		T	Pick Up PT.	Time	On Line	Off Line
STDZ KRN 9	9360L J				Base Camp 0	700	0700			1
DOZ E-4	11 /	Wuns	sch Feed	1	Base Camp 0		0700			$\vdash$
DOZ E-4	18	Egan E	xcavating		Base Camp 0		0700			
STL 922	JF .					$\neg$				
HEQB	2	Sand	/aval			$\neg$			<del>-</del>	
HEAR	G	. 104	stirte			$\neg$		_		
HEQB	N	, Pa	9.0							
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			-			$\top$		-+		
						+			岩	
Control Operations										
cout location for contin	gency lines.									
Special Instructions						-				
		Mart B	Divisio	n/Group	Communication	Sum	ımary			
Function	Frequency	System	Channel		Function	Fre	quency	System	Chi	annel
	XX 151.3550 XX 159.3000 Tone 15	King NIFC	1 CDF Cmd 1		Command			King NIFC		
J.M.C.IOU.P	ivision Tac	King NIFC	Various		Air to Ground		x/Tx 0.3525	King NIFC		4 T25
pared by (Resource U	nit Ldr.)	1	ed by (Planning Sect.	Ch.)	/	Date			Time	
Carrera		S. Wa	ard S			8/2	20/15		2100	

# AIR OPERATIONS SUMMARY OPERATIONAL PERIOD DATE: 08/21/15

START: 0800 END: 2000

(Expanded Form for Large Operations)

7	Г	R	Н	H	Þ	A	>	6.	KAOBE 14 I
Eel River Helibase	Kneeland Helitack Base	Rohnerville Air Attack Base	HELCO: Alex Lujan	HEBM: Jared Collins / Dave Ito	ATGS: Brian Renner	ASGS: Jon Chin / Mark Kalisek	AOBD: Frank Podesta	6. PERSONNEL	1. INCIDENT NAME: HORSE  2. PREPARED BY: Frank Podesta  4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):  CAHUU006254  Eel River Helibase 40 08.513/ 123 48.827  Be aware for low hanging wires when flying in and around Eel River Camp  General Avaition flying out of the Garberville Airport (016) CTAF 122.9  All GPS data to be collected (degrees, minutes & decimal minutes)  Keep track of water removed from local ponds, provide amount and Lat/ Long to Helibase Mgr.
	(707) 444-2863	(707) 725-4572		(530) 391-6583	(707) 499-2247	(760) 250-6230	(209) 419-4408	Phone	2. PREPA r Operations Speci- ing in and around E ville Airport (016) nutes & decimal mir onds, provide amor
TOLC	AIR GUARD	COMMAND	DECK:		AIR/GROUND:	AIR/AIR RW:	AIR/AIR FW:	FREQUENCIES	2. PREPARED BY: Frank Podesta tions Special Equipment., etc.): d around Eel River Camp port (016) CTAF 122.9 lecimal minutes) ovide amount and Lat/ Long to Hel
122.850	168.6250	CMD 1 TN- 15 RX: 151.3550 TX:159.3000 TN-162.2 = TN-15	163.100		159.3525	123.7250		AM	desta
	250	TN- 15 1.3550 2.3000 = TN-15	100		TN 16 TX/RX		164.1375	FM	SUNRISE: 0627 CUTOFF: 1940
Other:		Airtankers: Request thru	AA	needed thru	Lead planes:	(FOT)	Air Tactical	8. FIXED-WING # Avail	SUNSET: 2010
							2	8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)	3. PREPARED: 08/20/2015  5. TFR: 10000' msl 40 08.80 / 124 04.80 5 nm radius NOTAM: None FREQ 123.7250

9. HELICOPTERS (Use Additional Sheets As Necessary)

					П		٠	0900	0800	ELHB	BELL 407	H	A25 617AC III
							Restricted	0900	0800	ELHB	UH1H 9	II	A-9 711GH II
							Hoist / Initial Attack	0900	0800	ELHB	BELL UH-1H	п	A-26 C902
								0900	0800	ELHB	234UT	I	A14 238CH
		. 12000						0900	0800	ELHB	Helitanker 703	I	A-6 613CK I
			ELHB	BELL 212	ш	A-44 2AH	TANK	0900	0800	ELHB	S-61	I	A-7 905CH
REMARKS	START	AVAIL	BASE	MAKE/MODEL BASE AVAIL START	TY	FAA N#	REMARKS	START	AVAIL	BASE	FAA N# TY MAKE/MODEL BASE AVAIL START	ΤΥ	FAA N#

1	=	
1	3	

-	INCIDENT RADIO	T RADIO	Incident Name			Date/Time Prepared		Operation	Operational Period Date/Time
	COMMUNICATIONS PLAN	TIONS PLAN	HORSE	HORSE CA-HUU-006254		8/20/15 1830 hrs		8/2	8/21/15 0700 - 8/22/15 0700
# (	- circuoi	Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq Nor W	Tx Tone/NAC	Mode	Remarks
_	COMMAND	CDF C1 T15	ALL DIVISIONS	151 3550 N	102 5	4500000		, or M	
N						138.3000 N	7.791	Þ	TONE 15 - PRATT MT.
ω									
T									
4									
57	TACTICAL	CDF T13	DIV A	151.3775 N	192.8	151 3775 N	1928		TONE 19
0	TACTICAL	CDF T29	DIVD	151.3475 N	192.8	151 3475 N	100 8	>	TONE 16
7	TACTICAL	VFIRE24	DIVK	154.2725 N	156.7	154.2725 N	156.7	>	TONE 6
00	TACTICAL	VFIRE25	DIVP	154.2875 N	156.7	154 2875 N	156.7	<b>&gt;</b> ;	TONE 6
9	TACTICAL	VFIRE26	STRUCTURE/ROAD GROUP	154.3025 N	156.7	154 3025 N	156 7	>  ;	STRUCTURE / ROAD GROUP
5									CNE 6
=									
12								$\perp$	
13	MEDICAL	CALCORD	ALL DIVISIONS	156.0750 N	156 7	156 0750 N	156 7	>	
14	AIR TO GROUND	CDF T25	ALL DIVISIONS	159.3525 N	192 8		100 8	> >	AID TO ODDINATION-TONE 6
15					0	00.0020	192.0	2	AIR TO GROUND - TONE 16
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168 6250 N	110 0	>	
17							-		LAILVGENCT - LONE
18	8								
19									
20	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	1100	>	
KEN	Frepared By (Communications Unit) KEN PARKER COM 051 217 1182	ations Unit)			Incident Location HUU	on HUU		;	
The	convention calls fo	The convention calls for fraguency lists to show from the call calls for fraguency lists to show from the call calls for fraguency lists to show from the call calls for fraguency lists to show from the call calls for fraguency lists to show from the call calls for fraguency lists to show from the call calls for fraguency lists to show from the call calls for fraguency l			County	State	Latitude	z	N Longitude W
Ine	convention calls to	r frequency lists to sh	Ow four digits after t	ha danimal					

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NFES 1330



INCIDENT NAME

Horse Fire

2. DATE **PREPARED** 

8/20/2015

PREPARED

1900

3. TIME

4. OPERATIONAL PERIOD

8/21/2015 0700-0700

	5. INCIDENT MEDICAL AID STATIONS		
MEDICAL AID STATIONS	LOCATION	PARAN	MEDICS
MEDICAL AID STATIONS	LOCATION	YES	NO
Horse/Humboldt Complex Medical Unit	Horse/Humboldt Complex Base Camp	XX	

### **6 TRANSPORTATION**

### A. Air Ambulances

NAME	ADDRESS	PHONE	PARA	MEDICS
IVAIVIL	ADDICESS	FIONE	YES	NO
Reach Air 18	Willits, CA	1-800-622-4045	XX	
Copter 102 -DAY HOIST	Horse/Humboldt Complex Helibase	COMM UNIT		XX
Air Guard H825 – NIGHT HOIST	Redding, CA	COMM UNIT	XX	
CHP H16 - DAY/NIGHT HOIST	Redding	530-225-2040	XX	
	B. Ground Ambulances			
				T

CITY AMBULANCE - DEDICATED TO INCIDENT	ALDERPOINT STATION - CAL FIRE	COMM UNIT	XX	
City Ambulance	814 Redwood Dr. Garberville, CA	707-442-4553	XX	

7 HOSPITALS

NAME	ADDRESS	TRAVE	EL TIME	PHONE	HELII	PAD	BURN C	ENTER
NAIVIE	ADDRESS	AIR	GRND	FIIONE	YES	NO	YES	NO
Phelps Community	733 Cedar St Garberville, CA	N/A	15 min	707-923-3921		Х		Х
Redwood Memorial	3300 Renner Dr Fortuna, CA	N/A	45 min	707-725-4562		Х		Х
Mercy Hospital – LEVEL II TRAUMA	2175 Rosaline Redding, CA	40 min	1 hr	530-225-7201	Х			Х
UC Davis Med Center	2315 Stockton Blvd Sacramento, CA	1 hr 20 min	6 hrs	916-734-3790	Х		Х	

### 8. MEDICAL EMERGENCY PROCEDURES

### **LINE EMERGENCY:**

Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contacts:
  - Line EMT
  - Communications Unit
- Communications Unit contacts:
  - Heli-Base for AIR EVAC only
  - Medical Unit
  - Operations
  - Safety
- Division Supervisor will run medical emergency on command
- Communication Unit will clear command channel for emergency traffic
- Medical Unit will:
  - 1. Dispatch ground ambulance to nearest drop-point for ground transport only.
  - Dispatch ambulance to Helibase for AIR EVAC.
  - 3. Notify receiving hospital of injury status.

**CAMP EMERGENCY:** Contact Medical Unit with patient complaint/condition and location. In Camp Paramedic will respond to stabilize the incident.

	****		-		_	
9.	PRE	PARED	BY	(MEDICAL	UNIT	LEADER)
	B.	Hunt	er.	MEDL		

<b>INJURY</b>	REPORTING	<b>PROCEDURES</b>

NATURE OF INJURY\_\_\_\_

TRANSPORTATION REQUESTED BY:AIR GROUND

POINT OF PICKUP

LAT \_\_\_\_LONG \_\_\_\_

PATIENT UNIT ID

REMINDER: DO NOT GIVE PT NAME OVER RADIO IS AN EMT WITH PATIENT: YES NO

SEX: MALE\_\_\_\_FEMALE\_\_\_

AGE\_\_\_\_

LOCATION OF PATIENT\_\_\_

ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.

> 10. REVIEWED BY (SAFETY OFFICER) Rick Grigas. SOF1

### CAL FIRE INCIDENT MANAGEMENT TEAM 5



### Division / Group Supervisor Operational Period Expectations



Your participation as a Division Group Supervisor is a key component of the success of Incident Management Team 5. While serving as a member of this team we expect you to meet the following expectations.

- Provide Leadership and Supervision
- > Implement and think safety at all times
- > Maintain situational awareness at all times
- Be creative and look for solutions to problems
- Attend briefings
- Dobtain a thorough briefing from a team member of the Operations Section
- Complete and turn in your ICS-215 information by 1400 each day
- Complete shift tickets for all hired equipment
- ➤ Participate and debrief daily with the Finance Unit when in Cost Apportionment
- Debrief with the Plans Section after each operational period
- > Provide accountability for all line personnel
- > If available provide GPS data to the Situation Unit by established deadlines
- Monitor work progress
- Backhaul all trash and supplies
- > Release resources as the job is completed



### CAL FIRE INCIDENT MANAGEMENT TEAM WATER USAGE PLAN

### California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/owner.

### Fireline personnel- (During mop up operations)

- Use Pencil Hose and Garden Nozzles with Shut-Offs.
- Use Back pumps.
- Use Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely.
- Locate/Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline.

### Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind etc.).
- Consider use of tertiary or treated water.

### Aviation Operations-

- · Consider use of Gels, Foams and Retardants. Set up portable plants.
- Consider using Blivits and Pencil Hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops.

### **Private Water Supplies-**

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, ICS-214, IMT5 Water Usage Reports) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

### Public/Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Note locations on incident map.
- Use alternative or reclaimed water sources when available. Note locations on incident map.
- Make arrangements for reimbursement and damage claims if needed.

### Management and Supervision-

- Consider complexity of water use on incidents. Consider establishing a Water Supply Group Supervisor to coordinate additional resources to support the incident needs when necessary.
- Complete the Water Usage Report daily and turn in to Finance.
- Review this check list and brief daily.



DATE:

### INCIDENT MANAGEMENT TEAM

### **WATER USAGE REPORT**

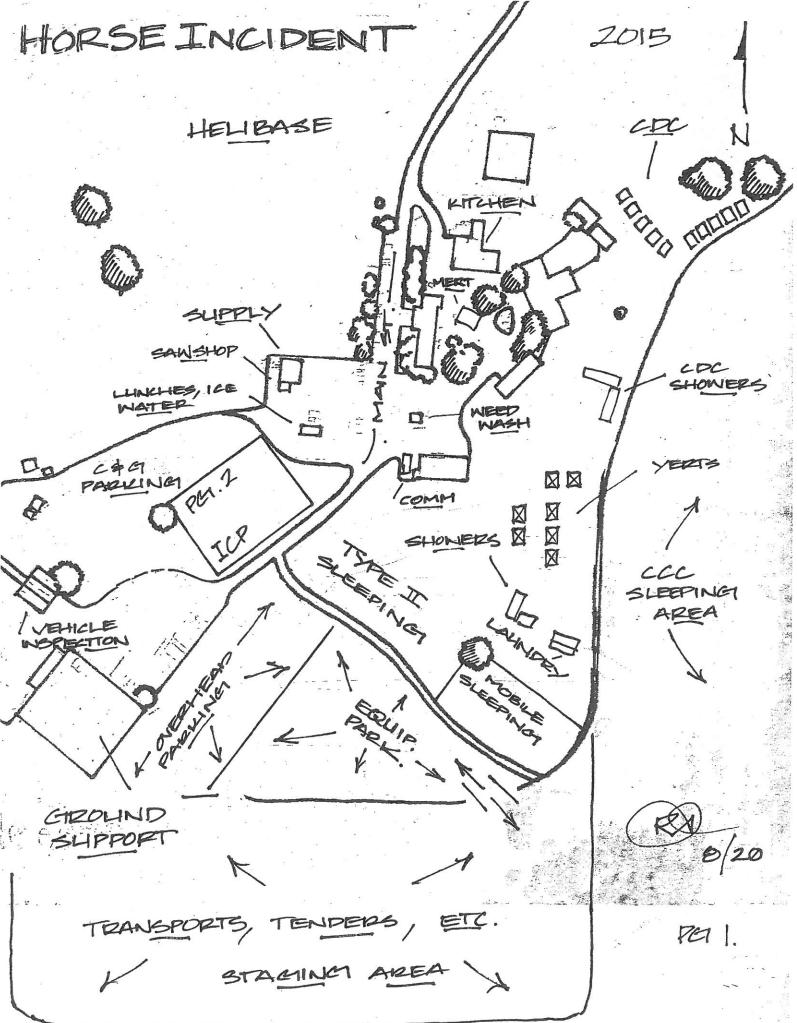
Division / Group:

DURCE / VENDOR ID:			_ REQUEST #
I.e Strike	Team 1110C, Acme Water Ter	nders	
WATER SOURCE LOCATION	Source (Hydrant, Pond, Tank, Other)	Gallons Used	Property Owner / Contac Number**

### **TURN INTO FINANCE DAILY**

\*\*Please note PROPERTY OWNER AND CONTACT NUMBER! (Use reverse side if needed.)

The intent of this document is to track, record and validate the amount of water used on an incident. It's not intended to review the performance of equipment using the water on an incident.



PG1.2

PA.	2			8		
e e e e e e e e e e e e e e e e e e e	PLANS MEET,	A PER T	HZE SUPE PAGE	ICP		PROCLEENENT-
	OPERATIONS		SAFETY		FLANS	TNANCE
LIMSON	INCLIDENT		CIIS WEATHER	H.T.	HORSE	DEMOS HUMBOLDT RESOURCE
MAD EIVER	AKULITIES 4941-		FRO		FIRE	STUATION
	1 T T				CZEDEZING	BCME1 OES
light of the state	N KE			AX		^

21

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### **ACTIVITY LOG (ICS 214)**

1. Incident Name:		2. Operational Period:	Date From: Date Date To: Date		
			Time From: HH		
3. Name:		4. ICS Position:		5. Home Agency (and Unit):	
6. Resources As					
N	lame	ICS Position		Home Agency (and Unit)	
***************************************					
7. Activity Log:		4			
Date/Time					
*******					
•					
		(4 ) 11 (4 ) (4 ) (4 ) (4 ) (4 ) (4 ) (4			
Prepared by:	Name:	Position/Title:		Signature:	
S 214, Page 1		Date/Time: Date			
		1			

### **ACTIVITY LOG (ICS 214)**

1. Incident Name:		2. Operational Period:	Date From: Date	Date To: Date					
		2. Operational relied.	Time From: HHMM	Time To: HHMM					
7. Activity Log (continuation):									
Date/Time	Notable Activities		.,						
				-					
			The state of the s						
		X 12							
		NAME OF THE PARTY		745 Sandia - 1604 Sandia -					
O Draward him M	emo:	Position/Title:	Signo	ture:					
8. Prepared by: Name:		7	Signa	ture:					
ICS 214, Page 2		Date/Time: Date							